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Saarbrücken (DE). WITTMANN, Christoph [DE/DE];
Am Kalkofen 13, 66127 Saarbrücken (DE).

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(71) Applicant (for all designated States except US): **BASF AKTIENGESELLSCHAFT** [DE/DE]; Rheinland-Pfalz, 67056 Ludwigshafen (DE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **ZELDER, Oskar** [DE/DE]; Franz-Stutzel 8, 67346 Speyer (DE). **KLOPPROGGE, Corinna** [DE/DE]; Diemersteinstr. 3, 67065 Ludwigshafen (DE). **SCHRÖDER, Hartwig** [DE/DE]; Benzstrasse 4, 69226 Nubloch (DE). **HÄFNER, Stefan** [DE/DE]; Luitpoldstrasse 11, 67063 Ludwigshafen (DE). **KRÖGER, Burkhard** [DE/DE]; Im Waldhof 1, 67117 Limburgerhof (DE). **KIEFER, Patrick** [DE/DE]; Am Homburg 5G, 66123 Saarbrücken (DE). **HEINZLE, Elmar** [DE/DE]; Senator-Richard-Becher-Strasse 48, 66123

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(54) Title: METHODS FOR THE PREPARATION OF A FINE CHEMICAL BY FERMENTATION

(57) Abstract: The present invention features methods of increasing the production of a fine chemical, e.g., lysine from a microorganism, e.g., *Corynebacterium* by way of deregulating an enzyme encoding gene, i. e., lactate dehydrogenase. In a preferred embodiment, the invention provides methods of increasing the production of lysine in *Corynebacterium glutamicum* by way of increasing the expression of lactate dehydrogenase activity. The invention also provides a novel process for the production of lysine by way of regulating carbon flux towards oxaloacetate (OAA). In a preferred embodiment, the invention provides methods for the production of lysine by way of utilizing fructose or sucrose as a carbon source.

WO 2005/059154 A2